INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/25898

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G03B 21/00, 21/14, 21/22, 21/26, 21/28; G02B 5/08, 7/182 US CL : 353/31, 34, 38, 69, 70, 77, 78, 98, 99, 119 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 353/31, 34, 38, 69, 70, 77, 78, 98, 99, 119				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
X, E	US 6,880,934 B2 (LEE) 19 April 2005 (19.04.2005), Figures 2, 5, 6A and 6B.			1-3 and 5-7
Y, E				4 and 8
Y	US 5,931,440 A (MILLER) 03 August 1999 (03.08.1999), see spring clip 48.			4 and 8
ı				
				<i>'</i>
	documents are listed in the continuation of Box C.		See patent family annex.	
Special categories of cited documents:		-T-	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the	
"A" document particular	defining the general state of the art which is not considered to be of relevance		principle or theory underlying the inven	tion
	earlier application or patent published on or after the international filing date		document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive sep when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being	
"O" document	referring to an oral dischosure, use, exhibition or other means		obvious to a person skilled in the art	, such combination ocuts
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report		
01 May 2005 (01.05.2005)		24 OCT 2009		
Name and mailing address of the ISA/US		Authorized officer photolica L Que		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Melissa J Koval		
P.O. Box 1450		Telephone No. (571) 272-2121		
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230			0 110. (JII) DIE-BIEI	